

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/537,852
Source: IFWP
Date Processed by STIC: 8/2/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/02/2006

PATENT APPLICATION: US/10/537,852

TIME: 08:57:04

Input Set : A:\P29716PC.ST25.txt

Output Set: N:\CRF4\08022006\J537852.raw

3 <110> APPLICANT: Boneham et al.

5 <120> TITLE OF INVENTION: Peptide presentations for human immunodeficiency virus vaccines

7 <130> FILE REFERENCE: 87792.065605

9 <140> CURRENT APPLICATION NUMBER: US 10/537,852

11 <141> CURRENT FILING DATE: 2005-06-08

13 <150> PRIOR APPLICATION NUMBER: GB 0228939.5

15 <151> PRIOR FILING DATE: 2002-12-12

17 <160> NUMBER OF SEQ ID NOS: 126

19 <170> SOFTWARE: PatentIn version 3.1

21 <210> SEQ ID NO: 1

22 <211> LENGTH: 6

23 <212> TYPE: PRT

24 <213> ORGANISM: Human immunodeficiency virus

26 <400> SEQUENCE: 1

28 Glu Leu Asp Lys Trp Ala

29 1 5

32 <210> SEQ ID NO: 2

33 <211> LENGTH: 4

34 <212> TYPE: PRT

35 <213> ORGANISM: Human immunodeficiency virus

37 <400> SEQUENCE: 2

39 Leu Asp Lys Trp

40 1

43 <210> SEQ ID NO: 3

44 <211> LENGTH: 6

45 <212> TYPE: PRT

46 <213> ORGANISM: Artificial

48 <220> FEATURE:

49 <223> OTHER INFORMATION: epitope recognised by antibodies

51 <400> SEQUENCE: 3

53 Ala Leu Asp Lys Trp Ala

54 1 5

57 <210> SEQ ID NO: 4

58 <211> LENGTH: 6

59 <212> TYPE: PRT

60 <213> ORGANISM: Artificial

62 <220> FEATURE:

63 <223> OTHER INFORMATION: epitope recognised by antibodies

65 <400> SEQUENCE: 4

67 Glu Leu Asn Lys Trp Ala

68 1 5

71 <210> SEQ ID NO: 5

72 <211> LENGTH: 6

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Input Set : A:\P29716PC.ST25.txt

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73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial
76 <220> FEATURE:
77 <223> OTHER INFORMATION: epitope recognised by antibodies
79 <400> SEQUENCE: 5
81 Glu Leu Asp Lys Trp Ala
82 1 5
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 6
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial
90 <220> FEATURE:
91 <223> OTHER INFORMATION: epitope recognised by antibodies
93 <400> SEQUENCE: 6
95 Ala Leu Asp Thr Trp Ala
96 1 5
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 6
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial
104 <220> FEATURE:
105 <223> OTHER INFORMATION: epitope recognised by antibodies
107 <400> SEQUENCE: 7
109 Gln Leu Asp Lys Trp Ala
110 1 5
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 6
115 <212> TYPE: PRT
116 <213> ORGANISM: Artificial
118 <220> FEATURE:
119 <223> OTHER INFORMATION: epitope recognised by antibodies
121 <400> SEQUENCE: 8
123 Glu Leu Asp Thr Trp Ala
124 1 5
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 6
129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial
132 <220> FEATURE:
133 <223> OTHER INFORMATION: epitope recognised by antibodies
135 <400> SEQUENCE: 9
137 Gly Leu Asp Lys Trp Ala
138 1 5
141 <210> SEQ ID NO: 10
142 <211> LENGTH: 6
143 <212> TYPE: PRT
144 <213> ORGANISM: Artificial
146 <220> FEATURE:
147 <223> OTHER INFORMATION: epitope recognised by antibodies

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Input Set : A:\P29716PC.ST25.txt

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149 <400> SEQUENCE: 10
151 Lys Leu Asp Glu Trp Ala
152 1 5
155 <210> SEQ ID NO: 11
156 <211> LENGTH: 6
157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial
160 <220> FEATURE:
161 <223> OTHER INFORMATION: epitope recognised by antibodies
163 <400> SEQUENCE: 11
165 Glu Leu Asp Arg Trp Ala
166 1 5
169 <210> SEQ ID NO: 12
170 <211> LENGTH: 6
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial
174 <220> FEATURE:
175 <223> OTHER INFORMATION: epitope recognised by antibodies
177 <400> SEQUENCE: 12
179 Asn Trp Phe Asp Ile Thr
180 1 5
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 6
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial
188 <220> FEATURE:
189 <223> OTHER INFORMATION: epitope recognised by antibodies
191 <400> SEQUENCE: 13
193 Thr Trp Phe Asp Ile Ser
194 1 5
197 <210> SEQ ID NO: 14
198 <211> LENGTH: 6
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial
202 <220> FEATURE:
203 <223> OTHER INFORMATION: epitope recognised by antibodies
205 <400> SEQUENCE: 14
207 Asn Trp Phe Asp Ile Ser
208 1 5
211 <210> SEQ ID NO: 15
212 <211> LENGTH: 6
213 <212> TYPE: PRT
214 <213> ORGANISM: Artificial
216 <220> FEATURE:
217 <223> OTHER INFORMATION: epitope recognised by antibodies
219 <400> SEQUENCE: 15
221 Ser Trp Phe Asp Ile Ser
222 1 5
225 <210> SEQ ID NO: 16

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Input Set : A:\P29716PC.ST25.txt

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226 <211> LENGTH: 6
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial
230 <220> FEATURE:
231 <223> OTHER INFORMATION: epitope recognised by antibodies
233 <400> SEQUENCE: 16
235 Asn Trp Phe Asp Ile Ser
236 1 5
239 <210> SEQ ID NO: 17
240 <211> LENGTH: 6
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial
244 <220> FEATURE:
245 <223> OTHER INFORMATION: epitope recognised by antibodies
247 <400> SEQUENCE: 17
249 Asn Trp Phe Glu Ile Thr
250 1 5
253 <210> SEQ ID NO: 18
254 <211> LENGTH: 6
255 <212> TYPE: PRT
256 <213> ORGANISM: Artificial
258 <220> FEATURE:
259 <223> OTHER INFORMATION: epitope recognised by antibodies
261 <400> SEQUENCE: 18
263 Thr Trp Phe Ser Ile Ser
264 1 5
267 <210> SEQ ID NO: 19
268 <211> LENGTH: 6
269 <212> TYPE: PRT
270 <213> ORGANISM: Artificial
272 <220> FEATURE:
273 <223> OTHER INFORMATION: epitope recognised by antibodies
275 <400> SEQUENCE: 19
277 Asn Trp Phe Asn Ile Ser
278 1 5
281 <210> SEQ ID NO: 20
282 <211> LENGTH: 6
283 <212> TYPE: PRT
284 <213> ORGANISM: Artificial
286 <220> FEATURE:
287 <223> OTHER INFORMATION: epitope recognised by antibodies
289 <400> SEQUENCE: 20
291 Asn Trp Phe Gly Ile Ser
292 1 5
295 <210> SEQ ID NO: 21
296 <211> LENGTH: 6
297 <212> TYPE: PRT
298 <213> ORGANISM: Artificial
300 <220> FEATURE:

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Input Set : A:\P29716PC.ST25.txt

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301 <223> OTHER INFORMATION: epitope recognised by antibodies
303 <400> SEQUENCE: 21
305 Asn Trp Phe Ser Ile Thr
306 1 5
309 <210> SEQ ID NO: 22
310 <211> LENGTH: 6
311 <212> TYPE: PRT
312 <213> ORGANISM: Artificial
314 <220> FEATURE:
315 <223> OTHER INFORMATION: epitope recognised by antibodies
317 <400> SEQUENCE: 22
319 Ser Trp Phe Asn Ile Ser
320 1 5
323 <210> SEQ ID NO: 23
324 <211> LENGTH: 6
325 <212> TYPE: PRT
326 <213> ORGANISM: Artificial
328 <220> FEATURE:
329 <223> OTHER INFORMATION: epitope recognised by antibodies
331 <400> SEQUENCE: 23
333 Asn Trp Phe Thr Ile Ser
334 1 5
337 <210> SEQ ID NO: 24
338 <211> LENGTH: 6
339 <212> TYPE: PRT
340 <213> ORGANISM: Artificial
342 <220> FEATURE:
343 <223> OTHER INFORMATION: epitope recognised by antibodies
345 <400> SEQUENCE: 24
347 Ser Trp Tyr Asp Ile Ser
348 1 5
351 <210> SEQ ID NO: 25
352 <211> LENGTH: 6
353 <212> TYPE: PRT
354 <213> ORGANISM: Artificial
356 <220> FEATURE:
357 <223> OTHER INFORMATION: epitope recognised by antibodies
359 <400> SEQUENCE: 25
361 Asn Trp Phe Asn Ile Thr
362 1 5
365 <210> SEQ ID NO: 26
366 <211> LENGTH: 6
367 <212> TYPE: PRT
368 <213> ORGANISM: Artificial
370 <220> FEATURE:
371 <223> OTHER INFORMATION: epitope recognised by antibodies
373 <400> SEQUENCE: 26
375 Ser Trp Phe Ser Ile Thr
376 1 5

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/537,852

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Input Set : A:\P29716PC.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:51; Xaa Pos. 1,3,4,5,6

Seq#:52; Xaa Pos. 3

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29

Seq#:30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53

Seq#:55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78

Seq#:79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101

Seq#:102,103,104,105,106,107,108,109,110,111,114,115,116,117,118,119,120,121

Seq#:122,123,124,125,126

VERIFICATION SUMMARY

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Input Set : A:\P29716PC.ST25.txt

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L:755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0